

AMENDMENTS TO THE CLAIMS

Please amend claim 39 and enter new claims 64-67 as shown below:

1.-38. (Canceled).

39. (Currently amended) A transgenic female ruminant comprising germline and somatic cells that comprise ~~a the~~ nucleic acid molecule of ~~claim 22~~ comprising a mouse whey acidic protein (WAP) promoter operably linked to a nucleotide sequence encoding a polypeptide, wherein the polypeptide comprises a biofilament polypeptide and a leader sequence that enables secretion of the biofilament polypeptide by milk-producing cells into milk of the ruminant, wherein the biofilament polypeptide is a dragline silk polypeptide selected from the group consisting of *Araneus diadematus* fibroin-3 ("ADF-3"), *Araneus diadematus* fibroin-4 ("ADF-4"), *Nephila clavipes* dragline silk-1 ("NcDS-1"), and *Nephila clavipes* dragline silk-2 ("NcDS-2"), and wherein the ruminant secretes a ~~the~~ biofilament polypeptide into milk.

40. (Previously presented) A method for producing a biofilament polypeptide, comprising: providing a transgenic female ruminant of claim 39 and isolating the biofilament polypeptide from milk produced by the transgenic female ruminant.

41.-58. (Canceled).

59.-63. (Not Entered).

64. (New) The transgenic female ruminant of claim 39, wherein the biofilament polypeptide is ADF-3.

65. (New) The transgenic female ruminant of claim 39, wherein the biofilament polypeptide is ADF-4.

66. (New) The transgenic female ruminant of claim 39, wherein the biofilament polypeptide is NcDS-1.

67. (New) The transgenic female ruminant of claim 39, wherein the biofilament polypeptide is NcDS-2.